

Abstract

The refinement of the criterion for triggering the restraining means provided for impact situations is described. A system (1) and a method for generating a triggering signal (10) for restraining means in a vehicle are described for this purpose, the restraining means being provided for the event of a collision of the vehicle - head-on collision, side impact. The system (1) includes means (4) for detecting an impact, which, in the event of an impact, generate a request signal (5) for the restraining means corresponding to the type of impact, and means (6) for detecting a rotational motion of the vehicle about at least one vehicle axis - longitudinal axis (x) and/or transverse axis (y) - which generate a corresponding status signal (7). A circuit (11, 21, 31) is provided for generating a triggering signal (10), the circuit combining the request signal (5) and the status signal (7) so that the information about the possible occurrence or the existence of a rotational motion is taken into account in the decision about triggering the restraining means.

(Figure 1a)